GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2298
ANSWERED ON:15.12.2004
PROTO TYPE COOLANT TUBE
Thakkar Smt. Jayaben B.

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government is aware that in a significant accomplishment, the Nuclear Fuel Complex (NFC) has made a proto type coolant tube for the Advanced Heavy Water Reactor (AHWR); and

(b) if so, the details thereof ?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) Yes, Madam. Nuclear Fuel Complex (NFC) made a proto-type of the coolant tube for the Advanced Heavy Water Reactor (AHWR).

(b) This is an alloy tube with changing diameter and thickness. This is unlike the coolant tubes used in the Pressurized Heavy Water Reactors (PHWRs) operating and under construction in the country where the tubes are of uniform diameter and wall thickness throughout the length. NFC has developed this process totally in-house and the product is undergoing final adjustments and testing.